Mazda3

Vehicle specifications.

ZOOM-ZOOM

Mechanical Features.

Engines:

1.4 MZR Petrol

- 1349 cc in-line 4-cylinder, 16-valve, DOHC front mounted, developing (62 kW) 84 ps at 6000 rpm and 122 Nm at 4000 rpm.
- 4 valves per cylinder.
- CO_2 emissions of 169 g/km (EC Stage IV).
- Powertrain Control Module (PCM).
- Sequential electronic multi-point fuel injection.
- Sequential Valve Timing System (SV-T).

1.6 MZR Petrol

- 1598 cc in-line 4-cylinder, 16-valve, DOHC front mounted, developing (77 kW) 105 ps at 6000 rpm and 145 Nm at 4000 rpm.
- 4 valves per cylinder.
- CO_2 emissions of 172 g/km (5-speed manual, hatchback and sedan), 191 g/km (Activematic hatchback) and 186 g/km (Activematic sedan) (EC Stage IV).
- Powertrain Control Module (PCM).
- Sequential electronic multi-point fuel injection.
- Sequential Valve Timing System (SV-T).
- Variable Induction System.

2.0 MZR Petrol

- 1999 cc in-line 4-cylinder, 16-valve, DOHC front mounted, developing (110 kW) 150 ps at 6000 rpm and 187 Nm at 4500 rpm.
- 4 valves per cylinder.
- CO_2 emissions of 196 g/km (EC Stage IV).
- Powertrain Control Module (PCM).
- Sequential electronic multi-point fuel injection.
- Variable Induction System.

1.6 MZ-CD* Diesel

- 1560 cc in-line 4-cylinder, 16-valve, DOHC front mounted, developing (81 kW) 109 ps at 4000 rpm and 245 Nm at 1750 rpm.
- 4 valves per cylinder.
- CO_2 emissions of 138 g/km (EC Stage lll).
- Powertrain Control Module (PCM).
- Common-rail fuel injection.

*Preliminary data for 1.6 MZ-CD.

Transmissions:

- 5-speed manual – Giving precise, positive shift feel to provide a feeling of unity between driver and vehicle.
- 4-speed Activematic (optional on 1.6 MZR) – Choice between automatic or manual shifting.

Body:

- Self-supporting rigid and torsion-resistant all-steel body with defined crumple zones for the front and rear sections, stable passenger safety cell with side impact reinforcement in the doors.
- Mazda Advanced Impact Distribution and Absorption System designed to secure the critical interior space in the event of an accident.
- Supplementary Restraint System (SRS) comprising central control unit and crush sensors, seat belt pre-tensioners, load-limiters and dual-stage airbags.

Chassis and Suspension:

- Front: Independent suspension with MacPherson struts, four-point rubber mounting system and liquid-filled bushings.
- Rear: E-type multi-link suspension with angled dampers and low-mounted springs to maximise load compartment space.

Brake System:

- Hydraulic, diagonally divided dual-circuit system with power brake unit.
- Anti-lock Braking System (ABS) with Electronic Brake-force Distribution (EBD) and Emergency Brake Assistance (EBA).
- Front: 278 mm (300 mm on 2.0 MZR) ventilated disc brakes.
- Rear: 265 mm (280 mm on 2.0 MZR) disc brakes.

Technical Data.

Engine type		1.4 MZR	1.6 MZR	1.6 MZR Activematic	2.0 MZR	1.6 MZ-CD*
Displacement (cc)		1349	1598	1598	1999	1560
Bore x stroke (mm)		74.0 x 78.4	78.0 x 83.6	78.0 x 83.6	87.5 x 83.1	75.0 x 88.3
Valves per cylinder		4	4	4	4	4
Maximum output [kW (PS / bhp) / rpm]		62 (84 / 83) / 6000	77 (105 / 103) / 6000	77 (105 / 103) / 6000	110 (150 / 147) / 6000	80 (109 / 107) / 4000
Maximum torque (Nm / rpm)		122 / 4000	145 / 4000	145 / 4000	187 / 4500	245 / 1750
Compression ratio		10.0:1	10.0:1	10.0:1	10.8:1	18.0:1
Transmission						
Type		5-speed Manual	5-speed Manual	4-speed Automatic	5-speed Manual	5-speed Manual
Gear ratios:	1st	3.416	3.416	2.816	3.666	3.666
	2nd	1.842	1.842	1.497	2.059	2.047
	3rd	1.290	1.290	1.000	1.392	1.344
	4th	0.972	0.972	0.725	0.970	0.921
	5th	0.820	0.820	–	0.795	0.704
	Rev.	3.214	3.214	2.648	3.166	3.727
Final gear ratio		4.388	4.388	4.416	4.388	3.411
Steering						
Steering gear		Power assisted rack and pinion				
Minimum turning circle (kerb-to-kerb) (m)		10.4	10.4	10.4	10.4	10.4
Performance and Economy						
Hatchback						
Acceleration [0-62 mph (0-100 km/h) in sec]		14.3	11.0	12.4	9.0	11.5
Top speed [mph (km/h)]		106 (169)	114 (182)	109 (174)	125 (200)	114 (182)
Fuel consumption[1] [mpg (l/100km)]	– Urban	31.7 (8.9)	30.4 (9.3)	28.0 (10.1)	24.6 (11.5)	45.6 (6.2)
	– Extra Urban	46.3 (6.1)	47.1 (6.0)	41.5 (6.8)	44.8 (6.3)	65.7 (4.3)
	– Combined	39.8 (7.1)	39.2 (7.2)	35.3 (8.0)	34.5 (8.2)	56.5 (5.0)
CO_2 emissions[1] (g/km)		169	172	191	196	138
EC emission level		EC Stage IV	EC Stage IV	EC Stage IV	EC Stage IV	EC Stage III
Recommended fuel		Unleaded 95 RON	Unleaded 95 RON	Unleaded 95 RON	Unleaded 95 RON	Diesel
Fuel tank capacity (litres)		55	55	55	55	55
Saloon						
Acceleration [0-62 mph (0-100 km/h) in sec]			11.0	12.4	9.0	11.3
Top speed [mph (km/h)]			116 (185)	111 (177)	130 (208)	116 (185)
Fuel consumption[1] [mpg (l/100km)]	– Urban		30.4 (9.3)	27.7 (10.2)	24.6 (11.5)	45.6 (6.2)
	– Extra Urban		47.1 (6.0)	44.1 (6.4)	44.8 (6.3)	65.7 (4.3)
	– Combined		39.2 (7.2)	36.2 (7.8)	34.5 (8.2)	56.5 (5.0)
CO_2 emissions[1] (g/km)			172	186	196	138
EC emission level			EC Stage IV	EC Stage IV	EC Stage IV	EC Stage III
Recommended fuel			Unleaded 95RON	Unleaded 95RON	Unleaded 95RON	Diesel
Fuel tank capacity (litres)			55	55	55	55

*Preliminary data for 1.6 MZ-CD.
[1] Fuel consumption and CO_2 emissions values according to 80/1268 EWG (1999/100/EC).

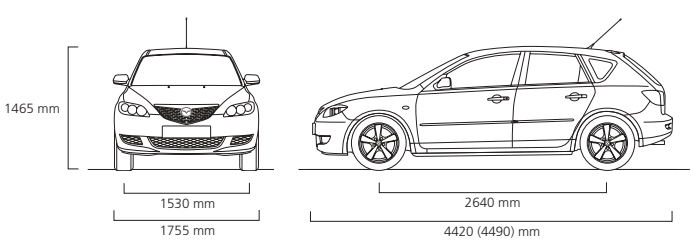
Technical Data.

Dimensions and Weights	1.4 MZR	1.6 MZR	1.6 MZR Activematic**	2.0 MZR	1.6 MZ-CD*
Hatchback					
Overall length / width / height (mm)	4420 / 1755 / 1465	4420 / 1755 / 1465	4420 / 1755 / 1465	4420 / 1755 / 1465 4490 / 1755 / 1465•	4420 / 1755 / 1465
Ground clearance (mm) between the axles – unladen	160	160	160	160	160
Front track / Rear track (mm)	1530 /1515	1530 /1515	1530 / 1515	1530 / 1515	1530 / 1515
Wheelbase (mm)	2640	2640	2640	2640	2640
Front headroom / legroom / shoulder room (mm)	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394
Rear headroom / legroom / shoulder room (mm)	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371	976 / 922 / 1371
Cargo volume, acc. to VDA (l) – 5-seat mode (to belt line)	300	300	300	300	300
Cargo volume, acc. to VDA (l) – 2-seat mode (to belt line)	635	635	635	635	635
Ventilated front disc diameter (mm)	278	278	278	300	278
Rear disc diameter (mm)	265	265	265	280	265
Kerb weight (kg) min / max incl. driver (75kg)	1180 / 1237	1260 / 1320	1285 / 1345	1310 / 1369	1275 / 1331
Permitted gross vehicle weight (kg)	1695	1695	1720	1745	1785
Permitted axle load, front / rear (kg)	885 / 840	885 / 890	915 / 885	935 / 890	945 / 840
Towing limit (kg) – unbraked	550	550	550	550	600
Towing limit (kg) – braked (12% gradient)	900	1200	1200	1300	1300
Max. roof load (kg)	75	75	75	75	75

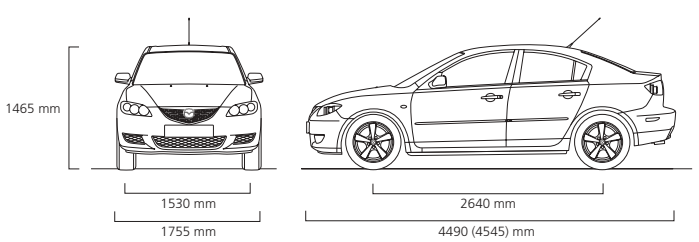
Saloon				
Overall length / width / height (mm)	4490 / 1755 / 1465	4490 / 1755 / 1465	4490 / 1755 / 1465 4545 / 1755 / 1465•	4490 / 1755 / 1465
Ground clearance (mm) between the axles – unladen	160	160	160	160
Front track / Rear track (mm)	1530 / 1515	1530 / 1515	1530 / 1515	1530 / 1515
Wheelbase (mm)	2640	2640	2640	2640
Front headroom / legroom / shoulder room (mm)	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394	994 / 1065 / 1394
Rear headroom / legroom / shoulder room (mm)	951 / 922 / 1371	951 / 922 / 1371	951 / 922 / 1371	951 / 922 / 1371
Cargo volume, acc. to VDA (l) – 5-seat mode (to belt line)	413	413	413	413
Ventilated front disc diameter (mm)	278	278	300	278
Rear disc diameter (mm)	265	265	280	265
Kerb weight (kg) min / max incl. driver (75kg)	1240 / 1298	1265 / 1323	1290 / 1346	1260 / 1313
Permitted gross vehicle weight (kg)	1675	1700	1725	1770
Permitted axle load, front / rear (kg)	885 / 865	915 / 860	930 / 870	945 / 825
Towing limit (kg) – unbraked	550	550	550	600
Towing limit (kg) – braked (12% gradient)	1200	1200	1300	1300
Max. roof load (kg)	75	75	75	75

*Preliminary data for 1.6 MZ-CD.
**Activematic not available until June 2004.

Hatchback



Saloon



•Figures in brackets relate to Sport model with Sports Appearance Package.

Equipment.

Safety and Security		S	TS	TS²	Sport
Mazda Advanced Impact Distribution and Absorption System (MAIDAS) engineered 'triple H' body structure to help protect occupants from impact forces		●	●	●	●
Supplementary Restraint System (SRS) – Central control unit and crush sensors, front seat belt pre-tensioners, load-limiters and dual-stage airbags		●	●	●	●
Anti-lock Brake System (ABS) with Electronic Brake-force Distribution (EBD)		●	●	●	●
Emergency Brake Assist (EBA)		●	●	●	●
Dynamic Stability Control (DSC) (not available on 1.4 MZR)		●	●	●	●
Power steering:	Engine rev sensing	●	●	●	–
	Electric, speed sensing	–	–	–	●
High mounted stop lamp		●	●	●	●
Wipers:	Front, 3-speed with intermittent wipe and electric wash	●	●	●	–
	Front, automatic with rain sensor	–	–	–	●
	Rear, with intermittant (hatchback only)	●	●	●	●
Headlights:	Halogen	●	●	●	–
	Xenon	–	–	–	●
Light sensor		–	–	–	●
Headlight cleaning		–	–	–	●
Headlight levelling:	Manual	●	●	●	●
	Automatic	–	–	–	●
Dual-stage front airbags (driver and passenger)		●	●	●	●
Side airbags (front)		●	●	●	●
Curtain airbags (front and rear)		❍*	●	●	●
Seat belt reminder (driver seat)		●	●	●	●
Seat belts: Front, 3 point with pre-tensioner and load limiters		●	●	●	●
Seat belts: Rear, 3 point x 3		●	●	●	●
Intrusion minimising collapsible safety brake pedals		●	●	●	●
Collapsible steering column		●	●	●	●
ISOFIX child seat anchorage		●	●	●	●
Remote central door locking		●	●	●	●
Dead Locking		●	●	●	●
Immobiliser system		●	●	●	●
Thatcham Cat.1 alarm		●	●	●	●

Exterior					
Tyres and wheels:	195 / 65 R15 steel wheels with wheelcovers	●	–	–	–
	195 / 65 R15 alloy wheels (standard on 1.6 S)	–	●	–	–
	205 / 55 R16 alloy wheels	–	–	●	–
	205 / 50 R17 alloy wheels	–	–	–	●
Bumper, front and rear: Body colour		●	●	●	●
Bodyside mouldings: Body colour		●	●	●	●
Door handles: Body colour		–	●	●	●
Rear heated glass window		●	●	●	●
Roof aerial		●	●	●	●
Front fog lights		–	–	–	●
Rear fog light		●	●	●	●
Door mirrors, power-operated and heated, body colour housings, driver's wide angle		●	●	●	●
Electric tilt and slide sunroof (optional on hatchback only)		–	❍	❍	❍
Sports Appearance Package with sports grille, sports front and rear bumper, side skirts, rear spoiler (hatchback: roof spoiler; saloon: lip spoiler, sports front fog lights). All body parts are colour keyed		–	–	–	●
Mica / Metallic paint		❍	❍	❍	❍

● = standard; ❍ = option; – = not available.
* Please ask Dealer for availability of curtain airbags on S derivative.

Equipment.

Interior features		S	TS	TS²	Sport
Seats and integral head restraint:	Driver's, dial reclining and height adjustment	●	●	●	●
	Driver's, lumbar adjustment	–	●	●	●
Rear seats:	60 / 40 fold down	●	●	●	●
	Centre armrest	–	●	●	●
Steering wheel:	Leather covered	–	–	●	●
	Tilt and height adjustment	●	●	●	●
Shift knob:	Leather covered	–	–	●	●
Grab handle, front passenger's and two rear with coat hooks		●	●	●	●
Audio:	AM / FM modular radio, 4 speakers	●	●	●	–
	AM / FM modular radio, 6 speakers	–	–	–	●
	Steering wheel-mounted remote audio controls	–	●	●	●
	Cassette	●	–	–	–
	Single CD	–	●	–	–
	6-disc CD autochanger	–	–	●	●
	DVD Satellite Navigation system	–	–	❍	❍
Air conditioning:	Manual	❍*	●	–	–
	Automatic climate control	–	–	●	●
Meter set:	Tachometer	●	●	●	●
	Fuel gauge	●	●	●	●
	Water temperature gauge	●	●	●	●
	Trip computer	–	–	●	●
	Exterior temperature, thermometer	●	–	–	–
	Exterior temperature, digital	–	●	●	●
Digital clock		●	●	●	●
Cigar lighter		●	●	●	●
Panel light control with dimmer		●	●	●	●
Headlight on reminder (sound warning)		●	●	●	●
Front centre console with storage box; hinged storage tray and lid; 2 lidded cupholders		●	●	●	●
Further storage spaces:	Glovebox, lockable with illumination	●	●	●	●
	Seat-back pocket (passenger side)	●	●	●	●
	Door pockets (4)	●	●	●	●
	Luggage compartment storage box (hatchback only)	●	●	●	●
Front ashtray, illuminated		●	●	●	●
Interior light, with map reading lights		–	●	●	●
Luggage compartment light		●	●	●	●
Pollen filter		●	●	●	●
Sunvisors:	Driver's with covered vanity mirror and ticket holder	●	●	●	●
	Passenger's with vanity mirror	●	●	●	●

● = standard; ❍ = option; – = not available.
* Please ask Dealer for availability of air conditioning on S derivative.

Colours and Seat Trims.

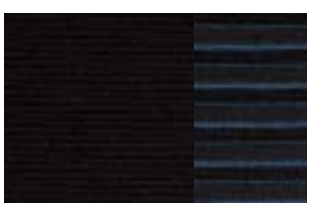
Model		S	TS and TS²		Sport	
Trim		Grey / Light Grey	Black and Blue	Black and Red	Black and Blue	Black and Red
Solid body colour						
Arctic White	(A4D)	●	–	–	–	–
Mica and Metallic body colours*						
Velocity Red Mica	(27A)	–	–	●	–	●
Winning Blue Metallic	(27B)	●	●	–	●	–
Nordic Green Mica	(27C)	–	●	–	●	–
Titanium Grey II Mica	(29Y)	●	●	–	●	–
Sunlight Silver Metallic	(22V)	●	●	–	●	–
Black Mica	(16W)	–	–	●	–	●

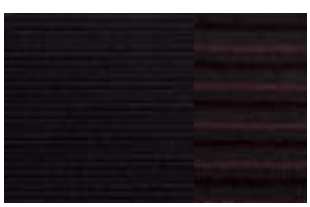
*Option

Grey/Light Grey in Medium Flint (BP4).

Black and Blue in Medium Flint (BP5).

Black and Red in Medium Flint (BP6).


Black and Blue in Ebony (BP7).


Black and Red in Ebony (BP8).

Arctic White (A4D).

Velocity Red Mica (27A).

Winning Blue Metallic (27B).

Nordic Green Mica (27C).

Titanium Grey II Mica (29Y).

Sunlight Silver Metallic (22V).

Black Mica (16W).

The Mazda Warranties.

Warranty Plus – 3-Year Cover.

Every Mazda is designed and built to the highest standards of performance, comfort and reliability. For your further reassurance, Mazda also provides a full 3-year/60,000-mile[1] warranty cover including Mazda European Assistance and a 12-year anti-perforation warranty.
[1] There is no mileage limit during the first year of the warranty.

Mazda Momentum – New Vehicle Extended Warranty.

At any time during the manufacturer's warranty period you may purchase a Mazda Momentum extended warranty package.
Three options are available. Your Mazda dealer will be pleased to provide you with details.

Accessories.

There is a full range of Mazda genuine accessories for each Mazda model. For more information, contact your Mazda dealer.

Mazda Credit.

Mazda Credit* provides a comprehensive range of finance plans which include:
Mazda MultiOption – A flexible and cost-effective method of funding a Mazda.
Mazda Hire Purchase – A simple, straightforward and traditional funding plan.
Mazda Business Partner – A range of finance solutions for business customers.

Mazda Insurance.

Mazda Insurance offers a range of motor-related insurance products to protect you and your car. For total motoring peace of mind, please ask your Mazda dealer for details.

Tax-Free Personal Export, Diplomatic and Military Sales.

Significant savings are available for those who qualify, with schemes tailored to suit individual needs. For further information, contact your Mazda dealer or contact Mazda Tax Free Sales on 01932 335132.

Motability.

For all Motability enquiries, please contact Mazda on 08457 484848.

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*Finance subject to status. Guarantees/Indemnities may be required.
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December 2003.

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Part No. MCAG1064 12/03 (BJN 18547/UK)